

# Subject Index—Volume 30

No. 1, July, pp. 1-314

No. 2, August, pp. 315-602

No. 3, September, pp. 603-874

No. 4, October, pp. 875-1146

No. 5, November, pp. 1147-1418

No. 6, December, pp. 1419-1682

## A

Adenocanthoma and mixed adenosquamous carcinoma of the endometrium, 1307

Adenocarcinoma

of the kidney—Report of a cured case in childhood, 197  
of unknown origin, treatment of the patient with, 1469

Adenoma

basal cell, of minor salivary gland origin, 214  
glycogen-rich, of the parotid gland, 749  
of the stomach, argentaffin cells in, 1267  
parotid clear-cell of possible myoepithelial origin, 742

Adriamycin and dimethyl triazeno imidazole carboxamide, chemotherapy of sarcomas with a combination of, 1632

Ameloblastoma, three histologic variants of the, ultrastructure of, 1036

Aneuploidy, age-associated—Loss of Y chromosome from human bone marrow cells with aging, 889  
Antibiotic combinations for infections in neutropenic patients. Evaluation of carbenicillin plus either cephalothin or kanamycin, 573

Antibodies, herpes- and adenovirus in patients with carcinoma of the cervix uteri—Measurement of antibodies to *Herpesvirus hominis* (types 1 and 2), cytomegalovirus, EB virus, and adenovirus, 68

Antigen, carcinoembryonic, in patients with tumors of the urogenital tract, 1

Antrum, maxillary, cancer of the, integrated therapy of, 665

ATP-ase activity of lymphocytes from normal individuals and patients with cancer, 881

Atypia, epithelial, in the buccal mucosa of baboons, betel quid induction of, 1001

## B

Baboons, buccal mucosa of, betel quid induction of epithelial atypia in the, 1001

Bacteremia, *Pseudomonas aeruginosa*, in patients with neoplastic disease, 764

BCNU, treatment of metastatic Ewing's sarcoma with, 909

Betel quid induction of epithelial atypia in the buccal mucosa of baboons, 1001

Biopsy and organ tissue culture, carcinoma and adenomatous polyps of the colon and rectum in, 972

Blastic transformation in chronic granulocytic

leukemia, prolonged cytogenetic and hematologic remission of, 288

Bleomycin

clinical study with—Tolerance to twice weekly dosage, 914  
therapy, in advanced Hodgkin's disease and epidermoid cancers, 56

Bone, diffuse eosinophilic granuloma of, 1169

Bone marrow examination and peritoneoscopy, staging of inoperable patients with bronchogenic carcinoma with special reference to, 1395

Bowen's disease of the palm associated with Hodgkin's lymphoma, 1315

Brain

scintigrams, in metastatic carcinoma, 953  
tumors, in Kentucky, geographic clustering of, 923

Breast

cancer, and elastosis, 1195  
cancer, disseminated—Evaluation of hormonal therapy utilizing stilbestrol and medrogestone (AY-62022) singly and in combination, 651  
cancer, hormonal therapy of, 1541  
cancer, single and combination nonhormonal chemotherapy in, 1543  
cancer, surgical adjuvant therapy for, 1556  
carcinoma of the, in childhood, 470  
carcinoma, thermographic "edge sign" in, 957  
lesion classification by computer and xeroradiograph, 1025  
locally advanced carcinoma of the, radiotherapeutic management of, 107

Burkitt's lymphoma, antibodies to Epstein-Barr virus (EBV) in American patients with, 610

## C

Cancer(s)

advanced, hexamethylmelamine (NSC-13875) alone and in combination with 5-(3, 3-dimethyl-1-triazeno) imidazole-4-carboxamide (NSC-45388) in the treatment of, 654

and smoking: Research in etiology and prevention at the National Cancer Institute, 1340

breast, and elastosis, 1195

breast, disseminated—Evaluation of hormonal therapy utilizing stilbestrol and medrogestone (AY-62022) singly and in combination, 651

breast, hormonal therapy of, 1541

breast, single and combination nonhormonal chemotherapy in, 1543

breast, surgical adjuvant therapy for, 1556

- chemotherapeutic agents, new, 1639  
 chemotherapy, prospectus for, 1656  
 endometrial—When may it be considered cured?  
 419  
 epidermoid, and advanced Hodgkin's disease,  
 bleomycin therapy in, 56  
 gastric, alimentary factors in the epidemiology  
 of, 927  
 gastric, total gastrectomy for, 660  
 gastrointestinal, chemotherapy of, 1600  
 head and neck, treatment of, with intraarterial  
 cytotoxic drugs and radiotherapy, 187  
 immunotherapy of—Present status and future  
 potential, 1647  
 immunotherapy, with HLA-compatible thoracic  
 duct lymphocyte transplantation, 1438  
 lung—Clinical trial of radiotherapy alone vs.  
 radiotherapy plus cyclophosphamide, 621  
 lung, effect of smoking on the survival of pa-  
 tients with, 325  
 lung, etiology of, 1332  
 lung, high doses of methotrexate with citro-  
 vorum factor in patients with, phase I study  
 of, 22  
 lung, trends in—Mortality, incidence, diagnosis,  
 treatment, smoking, and urbanization, 1320  
 of the anterior two thirds of the tongue, results  
 of radical treatment of, 703  
 of the head and neck, oral care of patients  
 irradiated for, 448  
 of the lung and stomach, evidence for the pres-  
 ence of immunoreactive growth hormone in, 75  
 of the maxillary antrum, integrated therapy of,  
 665  
 of the uterine cervix, in Agra District, India,  
 prevalence and distribution of, 720  
 ovarian, chemotherapy of—New approaches to  
 treatment, 1565  
 patients with, and normal individuals, ATP-ase  
 activity of lymphocytes from, 881  
 primary, of the liver in Taiwan, and serum  
 alpha-fetoglobulin, 435  
 regional lymph node in, studies concerning the—  
 III. Response of regional lymph node cells  
 from breast and colon cancer patients to PHA  
 stimulation, 1202  
 screening, multiphasic mobile—A positive ap-  
 proach to early cancer detection and control,  
 774  
 streptozotocin in the treatment of—Phase II  
 study, 61  
 therapy, optimal treatment levels in, 97  
 thyroid, chemotherapy of, 848  
 uterine, at Cancer Institute Hospital, Tokyo,  
 Japan, epidemiologic studies on, 268  
 Carbon dioxide plus oxygen, oxygen, and radia-  
 tion therapy of a mouse mammary carcinoma,  
 1154  
 Carcinoma  
 advanced, locally, of the breast, radiotherapeutic  
 management of, 107  
 and adenomatous polyps of the colon and rec-  
 tum in biopsy and organ tissue culture, 972  
 breast, thermographic "edge sign" in, 957  
 bronchial, preoperative radiation therapy in  
 the treatment of, 1388  
 bronchiolo-alveolar cell, fine structure of 1107  
 bronchogenic, early detection and localization  
 of, biometric design of the Mayo Lung Project  
 for, 1344  
 bronchogenic, immunologic impairment in—A  
 study of lymphocyte response to phytohemag-  
 glutinin, 616  
 bronchogenic, new drugs on the horizon in, 1402  
 bronchogenic, staging of inoperable patients  
 with, special reference to bone marrow ex-  
 amination and peritoneoscopy, 1395  
 bronchogenic, use of chemotherapy as an adju-  
 vant to surgery for, 1383  
 hepatocellular—Presentation with vertebral me-  
 tastases and radicular compression, 202  
 human mammary, the gross rates of growth of,  
 594  
 lobular, in situ, 1082  
 metastatic, brain scintigrams in, 953  
 metastatic renal cell, following nephrectomy,  
 regression of, 190  
 mixed adenosquamous, and adenoacanthoma, of  
 the endometrium, 1307  
 mouse mammary, oxygen, oxygen plus carbon  
 dioxide, and radiation therapy of a, 1154  
 nonresectable bronchogenic, intensive combined  
 chemotherapy and radiotherapy in patients  
 with, 315  
 oat-cell, of the lung, 1014  
 of the breast, in childhood, 470  
 of the bilharzial urinary bladder, 150  
 of the cervix uteri, occurrence of herpes- and  
 adenovirus antibodies in patients with—Mea-  
 surement of antibodies to *Herpesvirus hominis*  
 (types 1 and 2), cytomegalovirus, EB-virus, and  
 adenovirus, 68  
 of the cervix uteri, vaginal stenosis following  
 irradiation therapy for, 426  
 of the lung, associated with asbestos exposure,  
 pathology of, 14  
 of the pancreas, arising in the region of the  
 uncinate process, 796  
 of the prostate, and 98 IgG paraprotein, multiple  
 myeloma associated with, 206  
 of the prostate: Prognostic evaluation of certain  
 pathologic features in 208 radical prostatec-  
 tomies, 5  
 occult bronchogenic—Endoscopic localization  
 and television documentation, 1348  
 of the vulva, radiation therapy in, 997  
 primary bronchogenic, an unusual metastatic  
 manifestation of a, 806  
 small cell (oat cell), of minor salivary gland  
 origin, 737  
 small-cell (oat cell), of the lung, osteoblastic me-  
 tastases in, 801

- supraglottic, role of radiation therapy in the treatment of, 1159
- thyroid medullary, histologic and ultracytochemical studies on, 755
- verrucous, of the larynx, 691
- Cell(s)
- argentaffin, in adenoma of the stomach, 1267
  - Ehrlich ascites, increased immunogenicity of, after heat treatment, 885
  - epithelial, differentiation, maintenance of—The mode of action of vitamin A, 1326
  - Leydig, hyperplasia, Brenner tumor of the ovary with, 945
  - tumor, attenuating, repression of propagation of Ehrlich ascites tumors by means of, 366
  - tumor, blocking serum factors as measured in vitro with lymphocytes cytotoxic to, disappearance of, after chemotherapy, 1428
- Cervix, verrucous carcinoma of the, 430
- Cervix uteri
- carcinoma of the, occurrence of herpes- and adenovirus antibodies in patients with—Measurement of antibodies to *Herpesvirus hominis* (types 1 and 2), cytomegalovirus, EB-virus, and adenovirus, 68
  - carcinoma of the, vaginal stenosis following irradiation therapy for, 426
- Chemodectomas of the glomus jugulare, 1164
- Chemotherapy
- and radiotherapy, intensive combined, in patients with nonresectable bronchogenic carcinoma, 315
  - as an adjuvant to surgery for bronchogenic carcinoma, use of, 1383
  - cancer, prospectus for, 1656
  - combination, and radiotherapy, for Hodgkin's disease, 1505
  - combination, and radiotherapy, treatment of clinically localized Ewing's sarcoma with, 1522
  - combination, of advanced Hodgkin's disease, a decade of, 1495
  - disappearance after, of blocking serum factors as measured in vitro with lymphocytes cytotoxic to tumor cells, 1428
  - of acute lymphocytic leukemia of childhood, 1480
  - of Burkitt's lymphoma, 1534
  - of gastrointestinal cancer, 1600
  - of malignant melanoma, 1604
  - of metastatic osteogenic sarcoma, recent advances in the, 1627
  - of ovarian cancer—New approaches to treatment, 1565
  - of sarcomas with a combination of Adriamycin and dimethyl triazeno imidazole carboxamide, 1632
  - of thyroid cancer, 848
  - single and combination nonhormonal, in breast cancer, 1548
  - the basis for progress in, 1474
  - of gestational choriocarcinoma, 1517
- Chondroblastoma, benign—A study of 125 cases, 401
- Chondromatosis, synovial, of the temporomandibular joint, 791
- Chondromyxoid fibroma—A clinicopathologic study of 76 cases, 726
- Choriocarcinoma, gestational, chemotherapy of, 1517
- Cis*-diamminedichloroplatinum (II) (NSC 119875, CACP), preliminary clinical experience with, 1451
- Colon and rectum, adenomatous polyps of the, and carcinoma, in biopsy and organ tissue culture, 972
- Cushing's syndrome and avascular necrosis of bone associated with carcinoid-islet cell tumor of the pancreas, 782
- Cyclophosphamide plus radiotherapy vs. radiotherapy alone, clinical trial of—Lung cancer, 621
- Cytology, urinary, in detecting gynecologic malignancy, unreliability of, 148
- Cytosine arabinoside and L-asparaginase in children with acute leukemia, short courses of, 643
- D**
- David A. Karnofsky memorial lecture, third annual—The compleat clinical oncologist: a new approach to training, 1462
- Daunorubicin
- high-dose therapy, for acute nonlymphocytic leukemia: Correlation of response and toxicity with pharmacokinetics and intracellular daunorubicin reductase activity, 1419
  - therapy, in adult acute lymphatic leukemia, 47
- DIC and Adriamycin, chemotherapy of sarcomas with a combination of, 1632
- Disease, neoplastic, *Pseudomonas aeruginosa* bacteremia in patients with, 764
- Dysplasia, post-irradiation, in vaginal smears, microspectrophotometric study of, 964
- E**
- Ear, middle, rhabdomyosarcoma of the, 648
- E. coli*, asparaginase from, *Erwinia carotovora* asparaginase in patients with prior anaphylaxis to, 376
- Elastosis and breast cancer, 1195
- Endocrine malignancies, hormone-secreting, chemotherapeutic management of, 1616
- Endometrium, adenoacanthoma and mixed adenocarcinoma of the, 1307
- Enzyme activity, lysosomal, in muscle tissue from patients with malignant tumors, 1246
- Ependymoma, subcutaneous sacrococcygeal, delayed distant metastasis from a, 1046
- Epidemiology of gastric cancer, alimentary factors in the, 927
- Epstein-Barr virus (EBV) in American patients with Burkitt's lymphoma, antibodies to, 610
- Erwinia carotovora* asparaginase in patients with

- prior anaphylaxis to asparaginase from *E. coli*, 376
- Erythropoiesis, fetal, juvenile myeloid leukemia with, 353
- Ewing's sarcoma, clinically localized, treatment of, with radiotherapy and combination chemotherapy, 1522
- F**
- Fibroma, chondromyxoid—A clinicopathologic study of 76 cases, 726
- Fibrosarcoma and leiomyosarcoma, bronchopulmonary, 836
- Florafur, treatment of malignant tumors with, results of, 390
- G**
- Gallbladder, lymphocytic lymphosarcoma of the, 810
- Gastrectomy, total, for gastric cancer, 660
- Gastric cancer, alimentary factors in the epidemiology of, 927
- Genital tract, benign mesothelioma of the (adeno-matoid tumor), observations on, 244
- Germinal, mediastinal, 1189
- Gland(s)
- of the hard palate in reverse smokers, changes in the ducts of the, 231
  - parotid, glycogen-rich adenoma of the, 749
  - salivary, function, effect of fractionated radiotherapy on, 1147
  - salivary, lesions, in children; a survey of 430 cases, 459
  - salivary, minor, origin, small cell (oat cell) carcinoma of, 737
- Glioblastoma, giant-cell, light and electron microscopy of, 989
- Glomus jugulare, chemodectomas of the, 1164
- Gonadoblastoma, a distinctive gonadal neoplasm related to, 1219
- Granuloma
- diffuse eosinophilic, of bone, 1169
  - peripheral giant cell reparative, of the jaws, ultrastructure and histogenesis of, 1119
- H**
- Head and neck, cancer of the, oral care of patients irradiated for, 448
- Heart, primary osteosarcoma of the, 1068
- Hemangiendothelioma of the leg, following metallic fixation of the tibia, 1260
- Hemangioma
- "pulmonary sclerosing," so-called, electron microscopic study of, 1092
  - sclerosing, of the lung, ultrastructure of a, 512
- Hematoporphyrin as a diagnostic tool—A preliminary report of new techniques, 1368
- Hepatoma, thorotrust-induced, 1252
- Hexamethylmelamine (NSC-13875) alone and in combination with 5-(3, 3-dimethyl-1-triazeno) imidazole-4-carboxamide (NSC-45388) in the treatment of advanced cancer, 654
- Histiocytoma, atypical fibrous, malignant fibrous, malignant, and epithelioid sarcoma, 128
- Histiocytosis, sinus, with massive lymphadenopathy —A pseudolymphomatous benign disorder, 1174
- Hodgkin's disease
- advanced, a decade of combination chemotherapy of, 1495
  - advanced, and epidermoid cancers, bleomycin therapy in, 56
  - combination chemotherapy and radiotherapy for, 1505
  - combined fractionated isotopic and external irradiation of the liver in, 39
  - presenting as "idiopathic" thrombocytopenic purpura, 220
  - with an atypical systemic distribution, intramedullary spinal cord involvement, 545
- Hormone immunoreactive growth, in cancers of the lung and stomach, evidence for the presence of, 75
- Hypercalcemia in undifferentiated leukemia, 942
- Hypernephroma, radiation to a, regression of pulmonary metastases during, 895
- Hyperplasia, Leydig cell, Brenner tumor of the ovary with, 945
- I**
- Immunogenicity, increased, of Ehrlich ascites cells after heat treatment, 885
- Immunotherapy
- cancer, with HLA-compatible thoracic duct lymphocyte transplantation, 1438
  - of cancer—Present status and future potential, 1647
- Infections in neutropenic patients, antibiotic combinations for—Evaluation of carbenicillin plus either cephalothin or kanamycin, 573
- Irradiation
- combined fractionated isotopic and external, of the liver in Hodgkin's disease, 39
  - effect of, on tumor microvascular permeability to macromolecules, 639
  - periaortic and pelvic, alone, vs. prophylactic mediastinal irradiation—Seminoma of the testicle, 628
  - prophylactic mediastinal, vs. periaortic and pelvic irradiation alone—Seminoma of the testicle, 628
- J**
- Jaws, peripheral giant cell reparative granuloma of the, ultrastructure and histogenesis of, 1119
- K**
- Kaposi's sarcoma
- in the Bantu of Mozambique, 553
  - studies in, 854
- Kidney, adenocarcinoma of the—Report of a cured case in childhood, 197
- Kinetics, platelet and fibrinogen, in the chronic myeloproliferative disorders, 1444

**L**

- Laparotomy, exploratory, in reticulum cell sarcoma, 454
- Laryngectomy following high-dose preoperative radiotherapy, immediate complications of, 91
- Larynx, verrucous carcinoma of the, 691
- L-asparaginase  
and cytosine arabinoside in children with acute leukemia, short courses of, 643  
in children with advanced leukemia, toxicity of, 339
- Leg, hemangioendothelioma of the, following metallic fixation of the tibia, 1260
- Leiomyosarcoma  
and fibrosarcoma, bronchopulmonary, 836  
primary renal vein, 541
- Lesion(s)  
breast, classification by computer and xeroradiograph, 1025  
salivary gland, in children; a survey of 430 cases, 459
- Leukemia  
acute, fungal infection in, 348  
acute, in children, long-term serum copper studies in, 358  
acute, infectious mononucleosis prior to—A possible role for the Epstein-Barr virus, 875  
acute lymphoblastic, priapism in, 373  
acute lymphocytic, in children, "total therapy" studies of, 1488  
acute lymphocytic, of childhood, chemotherapy of, 1480  
acute myelocytic, in adults, 1572  
acute myelogenous, lymphosarcoma terminating in, 1275  
acute nonlymphocytic, high-dose daunorubicin therapy for—Correlation of response and toxicity with pharmacokinetics and intracellular daunorubicin reductase activity, 1419  
acute, pneumatosus cystoides intestinalis in, 239  
acute, short courses of cytosine arabinoside and L-asparaginase in children with, 643  
adult acute lymphatic, daunorubicin therapy in, 47  
advanced, toxicity of L-asparaginase in children with, 339  
childhood acute lymphocytic, response to combination therapy after relapse in, 334  
chronic granulocytic, prolonged cytogenetic and hematologic remission of blastic transformation in, 288  
chronic myelocytic and chronic lymphocytic, 1583  
chronic myelogenous, presenting in blastic crisis, 939  
juvenile myeloid, with fetal erythropoiesis, 353  
undifferentiated, hypercalcemia in, 942
- Liver  
combined fractionated isotopic and external irradiation of the, in Hodgkin's disease, 39
- primary cancer of the, in Taiwan, and serum alpha-fetoglobulin, 435
- Lung(s)  
and airways, new technique for roentgenographic study of, using powdered tantalum, 1353  
and stomach, cancers of the, evidence for the presence of immunoreactive growth hormone in, 75
- cancer: Clinical trial of radiotherapy alone vs. radiotherapy plus cyclophosphamide, 621  
cancer, effect of smoking on the survival of patients with, 325  
cancer, etiology of, 1332  
cancer, high doses of methotrexate with citrovorum factor in patients with, phase I study of, 22  
cancer, trends in—Mortality, incidence, diagnosis, treatment, smoking, and urbanization, 1320
- carcinoma of the, associated with asbestos exposure, pathology of, 14  
oat-cell carcinoma of the, 1014
- sclerosing hemangioma of the, ultrastructure of a, 512
- small-cell (oat-cell) carcinoma of the, osteoblastic metastases in, 801
- Lymphadenopathy, massive, sinus histiocytosis with—A pseudolymphomatous benign disorder, 1174
- Lymphangiosarcoma arising in chronic lymphedematous extremities, 562
- Lymph node, regional, in cancer, studies concerning the—III. Response of regional lymph node cells from breast and colon cancer patients to PHA stimulation, 1202
- Lymphocyte(s)  
cytotoxic to tumor cells, blocking serum factors as measured in vitro with, disappearance of, after chemotherapy, 1428  
from normal individuals and patients with cancer, ATP-ase activity of, 881
- Lymphoma  
Burkitt's, antibodies to Epstein-Barr virus (EBV) in American patients with, 610  
Burkitt's, chemotherapy of, 1534  
Hodgkin's, associated with Bowen's disease of the palm, 1315  
non-Hodgkin's—Recent observations on natural history and intensive treatment, 1511  
non-Hodgkin's—I. Single agent chemotherapy, 31
- Lymphosarcoma  
lymphocytic, of the gallbladder, 810  
terminating in acute myelogenous leukemia, 1275

**M**

- Macromolecules, tumor microvascular permeability to, effect of irradiation on, 639
- Malignancy(ies)  
germinal, of the testis, survival after surgery for

- I. Rates of survival in tumor groups; II.
- Effects of surgery and radiation therapy, 1225, 1233
- hormone-secreting endocrine, chemotherapeutic management of the, 1616
- Mandible
  - benign osteoblastoma of the, 329
  - primary malignant mixed tumor of the, 167
- Mayo Lung Project
  - for early detection and localization of bronchogenic carcinoma, biometric design of the, 1344
  - preliminary report of "early cancer detection" phase, 1373
- Mediastinum, primary lymphatic tumors of the, 708
- Medrogestone (AY-62022) and stilbestrol singly and in combination, evaluation of hormonal therapy utilizing—Disseminated breast cancer, 651
- Medulloepitheliomas, malignant intraocular, rhabdomyosarcomatous differentiation in, 817
- Melanocytoma, meningeal ("melanotic meningioma"), 1286
- Melanoma
  - malignant, chemotherapy of, 1604
  - malignant, therapy of, with an imidazole carboxamide and bis-chloroethyl nitrosourea, 1457
  - metastatic malignant, of the skin, cures achieved in patients with, 144
  - metastatic, with balloon cell changes, 1006
- Mesothelioma
  - benign, of the genital tract (adenomatoid tumor), observations on, 244
  - malignant, in childhood, 1216
- Metastasis(es)
  - delayed distant, from a subcutaneous sacrococcygeal ependymoma, 1046
  - osteoblastic, in small-cell (oat-cell) carcinoma of the lung, 801
  - pulmonary, regression of, during radiation to a hypernephroma, 895
- Methotrexate
  - effects of, on Group A beta hemolytic streptococci and streptococcal infection, 588
  - high doses of, with citrovorum factor in patients with lung cancer, phase I study of, 22
- Microscopy, light and electron, of giant-cell glioblastoma, 989
- Mithramycin (NSC 24559) therapy of testicular tumors, 900
- Mononucleosis, infectious, prior to acute leukemia: A possible role for the Epstein-Barr virus, 875
- Mucosa, buccal, of baboons, betel quid induction of epithelial atypia in the, 1001
- Multiphasic mobile cancer screening: A positive approach to early cancer detection and control, 774
- Myeloma
  - multiple associated with a 9S IgG paraprotein and carcinoma of the prostate, 206
  - multiple, combination chemotherapy for, 382
  - plasma cell, 1588
- N
- Nasal cavity and paranasal sinuses, papillomatosis of (inverted papilloma, squamous papilloma), 668
- Neck and head, cancer of the, oral care of patients irradiated for, 448
- Necrosis, avascular, of bone, and Cushing's syndrome, associated with carcinoid-islet cell tumor of the pancreas, 782
- Neoplasm(s)
  - metastatic intracranial, surgery for, 1241
  - ovarian, relative frequency of, in children and adolescents, 713
  - primary extragonadal germinal, occult seminoma of the testis masquerading as, 300
- Nephrectomy, regression of metastatic renal cell carcinoma following, 190
- Neuroblastoma, treatment of, 1595
- Nevus, balloon cell, an electron microscopic study of, 530
- O
- Osteoblastoma, benign, of the mandible, 329
- Osteosarcoma
  - an assessment of management with particular reference to primary irradiation and selective delayed amputation, 393
  - human, viral etiology of, immunologic evidence suggesting a, 603
  - primary, of the heart, 1068
- Ovary
  - Brenner tumor of the, with Leydig cell hyperplasia, 945
  - Brenner tumors of the, proliferative and malignant, 174
- Oxygen plus carbon dioxide, oxygen, and radiation therapy of a mouse mammary carcinoma, 1154
- P
- Palate, hard, changes in the ducts of the glands of the, in reverse smokers, 231
- Palm, Bowen's disease of the, associated with Hodgkin's lymphoma, 1315
- Pancreas
  - carcinoid-islet cell tumor of the, associated with Cushing's syndrome and avascular necrosis of bone, 782
  - carcinoma of the, arising in the region of the uncinate process, 796
- Papillomas, three choroid plexus, ultrastructure of, 1130
- Papillomatosis of nasal cavity and paranasal sinuses (inverted papilloma, squamous papilloma), 668
- Parotid gland, glycogen-rich adenoma of the, 749

- Peritoneoscopy and bone marrow examination, staging of inoperable patients with bronchogenic carcinoma with special reference to, 1395
- Plasmacytoma  
of the upper air and food passages, 414  
primary colonic, 261
- Pneumatosis cystoides intestinalis in acute leukemia, 239
- Polyps, adenomatous, of the colon and rectum, and carcinoma, in biopsy and organ tissue culture, 972
- Priapism in acute lymphoblastic leukemia, 373
- Prostate  
carcinoma of the, and 9S IgG paraprotein, multiple myeloma associated with, 206  
carcinoma of the—Prognostic evaluation of certain pathologic features in 208 radical prostatectomies, 5
- Pseudomonas aeruginosa* bacteremia in patients with neoplastic disease, 764
- Pulmonary studies in the smoker, radioactive xenon, 1358
- Purpura, "idiopathic" thrombocytopenic, Hodgkin's disease presenting as, 220
- R**
- Radiation to a hypernephroma, regression of pulmonary metastases during, 895
- Radiation therapy  
for carcinoma of the cervix uteri, vaginal stenosis following, 426  
in carcinoma of the vulva, 997  
in the treatment of supraglottic carcinoma, role of, 1159  
massive preoperative, in the treatment of osteogenic sarcoma, 634  
oxygen, and oxygen plus carbon dioxide, of a mouse mammary carcinoma, 1154  
preoperative, in the treatment of bronchial carcinoma, 1388
- Radiotherapy  
alone vs. radiotherapy plus cyclophosphamide, clinical trial of—Lung cancer, 621  
and chemotherapy, intensive combined, in patients with nonresectable bronchogenic carcinoma, 315  
and combination chemotherapy, for Hodgkin's disease, 1505  
and combination chemotherapy, treatment of clinically localized Ewing's sarcoma with, 1522  
and intra-arterial cytotoxic drugs, in treatment of head and neck cancer, 187  
fractionated, on salivary gland function, effect of, 1147  
high-dose preoperative, immediate complications of laryngectomy following, 91
- Rectum and colon, adenomatous polyps of the, and carcinoma, in biopsy and organ tissue culture, 972
- Reticulum cell sarcoma, exploratory laparotomy in, 454
- Rhabdomyoma, fetal, 160
- Rhabdomyosarcoma of the middle ear, 648
- S**
- Salivary gland  
function, effect of fractionated radiotherapy on, 1147  
lesions, in children; a survey of 430 cases, 459  
minor, origin, small cell (oat cell) carcinoma of, 737  
mixed tumors of, 276  
origin, minor, basal cell adenoma of, 214
- Sarcoma(s)  
chemotherapy of, with a combination of adriamycin and dimethyl triazeno imidazole carboxamide, 1632
- epithelioid—A light and electron microscopic study suggesting a synovial origin, 486
- epithelioid, and atypical fibrous histiocytoma, malignant fibrous histiocytoma, and malignant histiocytoma, 128
- Ewing's, clinically localized, treatment of, with radiotherapy and combination chemotherapy, 1522
- Ewing's, metastatic, treatment of, with BCNU, 909
- Kaposi's, in the Bantu of Mozambique, 553
- Kaposi's, studies in, 854
- metastatic osteogenic, recent advances in the chemotherapy of, 1627
- osteogenic, massive preoperative radiation therapy in the treatment of, 634
- reticulum cell, exploratory laparotomy in, 454
- so-called epithelioid, the fibrocytic derivation of the, 1074
- soft part, revisited, 475
- Scintigrams, brain, in metastatic carcinoma, 953
- Seminoma  
occult, of the testis, masquerading as primary extragonadal germinal neoplasms, 300
- of the testicle: Prophylactic mediastinal irradiation vs. periaortic and pelvic irradiation alone, 628
- Serum alpha-fetoglobulin and primary cancer of the liver in Taiwan, 435
- Serum copper studies, long-term, in acute leukemia in children, 358
- Serum fetoprotein and malignancy in children, 80
- Sinuses, paranasal, and nasal cavity, papillomatosis of (inverted papilloma, squamous papilloma), 668
- Skin, metastatic malignant melanoma of the, cures achieved in patients with, 144
- Smears, vaginal, microspectrophotometric study of post-irradiation dysplasia in, 964
- Smoking and cancer: Research in etiology and prevention at the National Cancer Institute, 1340
- Stilbestrol and medrogestone (AY-62022) singly and

- in combination, evaluation of hormonal therapy utilizing—Disseminated breast cancer, 651
- Stomach**  
adenoma of the, argentaffin cells in, 1267  
and lung, cancers of the, evidence for the presence of immunoreactive growth hormone in, 75
- Streptococci, Group A beta hemolytic, and streptococcal infection, effects of methotrexate on, 588
- Stretozotocin in the treatment of cancer: Phase II study, 61
- Surgery**  
for bronchogenic carcinoma, use of chemotherapy as an adjuvant to, 1383  
for germinal malignancies of the testis, survival after—I. Rates of survival in tumor groups; II. Effects of surgery and radiation therapy, 1225, 1233  
for metastatic intracranial neoplasm, 1241
- T**
- Tantalum, powdered, roentgenographic study of airways and lungs using, new technique for, 1353
- Temporomandibular joint, synovial chondromatosis of the, 791
- Testicle, seminoma of the—Prophylactic mediastinal irradiation vs. periaortic and pelvic irradiation alone, 628
- Testis**  
germinal malignancies of the, survival after surgery for—I. Rates of survival in tumor groups; II. Effects of surgery and radiation therapy, 1225, 1233  
occult seminoma of the, masquerading as primary extragonadal germinal neoplasms, 300
- Thymoma, spindle-cell, epithelial nature of, 500
- Thyroid**  
medullary carcinoma, histologic and ultracytochemical studies on, 755  
three Hürthle cell tumors of the, ultrastructure of, 1279
- Thyroid gland, anaplastic spindle-cell and giant-cell tumors of the, 113
- Tibia, metallic fixation of the, hemangioendothelioma of the leg following, 1260
- Tissue, muscle, from patients with malignant tumors, lysosomal enzyme activity in, 1246
- Tongue, cancer of the anterior two thirds, results of radical treatment of, 703
- Toxicity of L-asparaginase in children with advanced leukemia, 339
- Tumor(s)**  
anaplastic spindle-cell and giant-cell, of the thyroid gland, 113  
brain, in Kentucky, geographic clustering of, 923  
Brenner, of the ovary, with Leydig cell hyperplasia, 945  
Brenner, proliferative and malignant, of the ovary, 174
- calcifying epithelial odontogenic, 519
- carcinoid-islet cell, of the pancreas, associated with Cushing's syndrome and avascular necrosis of bone, 782
- cells, blocking serum factors as measured in vitro with lymphocytes cytotoxic to, disappearance of, after chemotherapy, 1428
- Ehrlich ascites, repression of propagation of, by means of attenuating tumor cells, 366
- growth, therapeutic evidence for and implications of cell age cohort variation during, 84
- malignant, lysosomal enzyme activity in muscle tissue from patients with, 1246
- malignant, results of treatment of, with flutamide, 390
- mesodermal mixed, of the uterus, 1295
- microvascular permeability to macromolecules, effect of irradiation on, 639
- mixed, of salivary glands, 276
- of the urogenital tract, carcinoembryonic antigen in patients with, 1
- orbito-ocular, in Nigeria, 580
- primary lymphatic, of the mediastinum, 708
- primary malignant mixed, of the mandible, 167
- testicular, mithramycin (NSC 24559) therapy of, 900
- testicular, secondary, 481
- three Hürthle cell, of the thyroid, ultrastructure of, 1279
- uterine, human, hexokinase isozyme patterns of, 444
- Wilms', bilateral, 983
- Wilms', management of children with, 1528
- U**
- Uncinate process, carcinoma of the pancreas arising in the region of the, 796
- Urinary bladder, bilharzial, carcinoma of the, 150
- Urogenital tract, tumors of the, carcinoembryonic antigen in patients with, 1
- Uterine cervix, cancer of the, in Agra District, India, prevalence and distribution of, 720
- Uterus, mesodermal mixed tumor of the, 1295
- V**
- Virus, Epstein-Barr (EBV), in American patients with Burkitt's lymphoma, antibodies to, 610
- Vulva, carcinoma of the, radiation therapy in, 997
- W**
- Wilms' tumor  
bilateral, 983  
management of children with, 1528
- X**
- Xenon, radioactive, pulmonary studies in the smoker, 1358
- Xeroradiograph and computer, breast lesion classification by, 1025

# Authors' Index—Volume 30

## A

Ackerman, L. V. 1025  
Ahmann, D. L. 651  
Aisenberg, A. C. 220  
Aizawa, O. 660  
Alexanian, R. 382  
Allt, W. E. C. 393  
Andersen, S. R. 817  
Andrews, N. C. 900  
Andrews, R. 315  
Armstrong, D. 764  
Aur, R. J. A. 334, 1488  
Austin, J. H. 419

## B

Bachur, N. 1419  
Bagshaw, M. A. 39  
Baker, L. H. 1632  
Baldes, E. J. 1368  
Bale, G. F. 530  
Ballard, R. 791  
Barclay, D. L. 430  
Barton, B. P. 206  
Bateman, J. R. 61, 654  
Battifora, H. A. 1252  
Beabout, J. W. 726  
Beck, C. 75  
Becker, W. 774  
Beggs, J. 1130  
Belpomme, D. 282  
Benjamin, R. 1419  
Benjamin, S. P. 708  
Bensch, K. G. 500  
Berard, C. W. 610  
Bergsagel, D. E. 621, 1588  
Berman, L. B. 197  
Bertino, J. R. 56  
Bhathena, D. 541  
Birkhead, B. M. 665  
Bisel, H. F. 651  
Bisel, H. 900  
Biskis, B. O. 603  
Blokhina, N. G. 390  
Bloomfield, C. D. 47  
Bodey, G. P. 573  
Bogdon, D. L. 654  
Bolin, M. G. 1307  
Bonanni, F. 1326  
Bonnet, J. 382  
Boram, L. H. 1295  
Bornstein, R. S. 939  
Boyers, R. C. 276, 459  
Bradfield, J. S. 628  
Brady, C. L. 329  
Braunwald, J. 61  
Briggs, E. M. 300

Brodsky, I. 1444  
Brooks, W. H. 923  
Brown, C. H. III 288  
Browne, R. M. 329  
Brownlee, R. 1632  
Brunning, R. D. 47, 1275  
Bull, J. M. 1505  
Burchenal, J. H. 1639  
Burger, H. G. 75  
Byar, D. P. 5  
Byrne, M. J. 202

## C

Cabiness, J. R. 1428  
Caceres, E. 634  
Canelllos, G. P. 288, 1495  
Carbone, P. P. 1511  
Carl, W. 448  
Carlson, D. H. 239  
Carter, D. 1348  
Carter, L. P. 1067, 1130  
Carter, S. K. 1402, 1543, 1639  
Castleman, B. 1189  
Cawley, L. P. 261  
Chaudhry, A. P. 519  
Chen, C-H. 435  
Chen, M-F. 435  
Chen, T. Y. 448  
Chin, C-K. 206  
Christ, T. F. 214  
Chu, S-H. 435  
Chu, T. M. 1  
Churg, J. 14  
Cividalli, G. 353  
Clark, J. C. 107  
Clark, R. L. 848  
Clarkson, B. D. 1572  
Coccia, P. F. 875  
Colebatch, J. H. 643  
Colsky, J. 1457  
Conrad, F. G. 144  
Constable, W. C. 91  
Costanza, M. E. 1457  
Creasman, W. T. 148  
Crist, W. 983  
Crocker, D. 214  
Cunningham, C. 594  
Curtis, C. 639  
Cuttner, J. 348

## D

Dabich, L. 875  
Dahlin, D. C. 401, 726  
D'Angio, G. J. 1528  
Dawkins, R. L. 202

Deckers, P. J. 1169  
DeConti, R. C. 56  
Defebach, R. R. 1159  
DeGiorgi, L. S. 895, 1307  
Dehner, L. P. 160  
DeLuca, L. 1326  
Djerassi, I. 22  
D'Oliveira, J. J. G. 553  
DeVita, V. T., Jr. 914, 1495  
Diddle, A. W. 426  
Dimitrov, N. V. 881  
Donegan, W. L. 594  
Dorfman, R. F. 31, 1174  
Dube, V. E. 1260  
Duby, M. M. 1046  
Dunn, E. L. 113  
Dunn, J. E., Jr. 325

## E

Effler, D. B. 708  
Eggleston, J. C. 1092  
Ekert, H. 613  
El-Bolkainy, M. N. 150  
Ellegaard, J. 881  
Eneroeth, C-M. 1147  
Enriquez, P. 128  
Enzinger, F. M. 160  
Erlandson, R. A. 1295  
Erozan, Y. S. 1348  
Evans, A. E. 1595

## F

Faiola, R. 885  
Fanelli, A. R. 885  
Faust, J. 80  
Feldman, P. S. 1279  
Fenoglio, J. 244  
Ferenczy, A. 244  
Fernbach, D. J. 339  
Ferrell, H. W. 475  
Fetterly, J. C. M. 621  
Finkel, M. P. 603  
Finklestein, J. Z. 80  
Fisher, B. 1202, 1556  
Fisher, D. E. 1260  
Fisher, E. R. 1074, 1202  
Fishman, L. S. 764  
Fitz-Hugh, G. S. 91  
Fitzpatrick, P. J. 393  
Fletcher, W. 900  
Font, R. L. 160, 817  
Fontana, R. S. 1344, 1358, 1368,  
    1373  
Frable, W. J. 475  
Freedman, S. I. 167

Freeman, A. 909  
Frei, E. III 1632, 1656  
Frost, J. K. 1348  
Fu, Y-S. 486  
Fujimaki, M. 660

#### G

Gabbiani, G. 486  
Gabrilove, J. L. 782  
Gailani, S. 909  
Gallitano, A. L. 1169  
Gamsu, G. 1353  
Garfield, D. H. 190  
Gargiulo, E. A. 519  
Garin, A. M. 390  
Gehan, E. 382  
Ghose, M. K. 197  
Glidewell, O. 1480  
Goldman, R. L. 749  
Gori, G. B. 1340  
Gose, E. E. 1025  
Gottlieb, J. A. 848, 1632  
Graham, S. 927  
Green, J. P. 107  
Greene, W. 1419  
Groves, L. K. 708  
Grundy, G. W. 1216  
Guccione, J. G. 836  
Guinan, P. 1

#### H

Haar, F. 1241  
Haas, J. E. 512  
Hadfield, M. G. 989  
Hahn, R. G. 651, 1469  
Hajdu, S. 737, 1295  
Hameed, K. 945  
Hamner, J. E. III 1001  
Han, T. 616  
Hanks, C. T. 519  
Hansen, H. H. 315, 801, 914,  
    1395  
Harlan, W. 774  
Hartman, P. 426  
Hasenclever, H. F. 294  
Hashimoto, K. 530  
Hass, A. C. 997  
Hatfield, P. M. 1164  
Hattori, S. 1014  
Haut, A. 382  
Haynie, T. P. 953  
Heidendal, G-K. 1358  
Helgason, N. M. 997  
Helman, P. 187  
Henderson, E. S. 294  
Henrikson, C. O. 1147  
Hewlett, J. 382  
Higgins, G. A., Jr. 1383  
Higgins, G. R. 80  
Hill, C. S., Jr. 848  
Hill, G. J. 900  
Hill, G. S. 1092

Hoagland, H. C. 889  
Holland, J. F. 376, 909, 914, 1480  
Hom, P. H. 325  
Honjo, I. 796  
Horai, T. 1014  
Hornsleth, A. 68  
Horvat, B. 1074  
Horvath, E. 1279  
Hrgovcic, M. 358  
Huffman, D. 1419  
Hughes, D. 22  
Hughes, W. T. 588  
Huguley, C. H., Jr. 1583  
Hustu, H. O. 334, 1488, 1522

#### I

Ibanez, M. L. 848  
Isard, H. J. 957  
Ishibashi, K. 660  
Ivins, J. C. 401, 562, 726

#### J

Jaffe, N. 239, 1627  
Jahns, M. F. 953  
Jakobsson, P. A. 1147  
James, A. E. 1164  
Jenkin, R. D. T. 393, 621  
Jennings, R. H. 430  
Jensen, R. D. 713  
Jhingran, S. G. 953  
Joblokow, V. 481  
Jones, S. E. 31, 1505

#### K

Kadin, M. E. 31  
Kagan, A. R. 167  
Kahn, S. B. 1444  
Kaizer, H. 573  
Kalus, M. 972  
Kanai, T. 660  
Kannerstein, M. 14  
Kaplan, H. S. 31, 39, 1462, 1505  
Karon, M. 80  
Kawaguchi, M. 660  
Kaye, G. I. 486  
Kennedy, B. J. 47, 190, 939, 1275  
Khafagy, M. M. 150  
Kikuchi, Y. 444  
Kim, J. S. 22  
Kinzie, J. 639  
Kirov, S. 703  
Kissane, J. M. 648  
Khung, C. L. 1169  
Klaassen, D. J. 621  
Klein, H. Z. 749  
Kondi, E. S. 1169  
Konikowski, T. 953  
Koss, L. G. 737  
Kotner, L. M. 414  
Kovacs, K. 1279  
Kraft, C. 774  
Krakoff, I. H. 1600

Kraut, J. W. 39  
Krolls, S. O. 276, 459  
Krush, A. J. 774  
Kuhn, C. 1107  
Kuratsuka, H. 796  
Kusama, S. 594  
Kushibe, M. 366

#### L

Land, V. J. 339  
Lane, D. M. 339  
Lane, M. 382  
Latourette, H. B. 997  
Lattes, R. 486  
Leavens, M. E. 953  
Lee, T. C. 84  
Leifer, C. 519  
Lenhard, R. 1457  
Levin, D. L. 1320  
Levine, G. D. 500  
Levine, P. H. 610, 875  
Lewis, J. L., Jr. 1517  
Li, H. C. 942  
Limas, C. 1286  
Lin, T-Y. 435  
Linden, G. 325  
Lipson, R. L. 1368  
Lochman, D. J. 806  
Louria, D. B. 294  
Lowry, W. B. 1068  
Lowy, R. O. 107  
Luce, J. K. 1604, 1632  
Lukeman, J. 148  
Lundholm, K. 1246  
Lundmark, C. 1195  
Lutcher, C. L. 206  
Luthra, U. K. 720  
Lynch, H. T. 774  
Lynch, J. 774

#### M

MacMahon, B. 419  
Maeda, M. 660  
Maekawa, K. 366  
Maestri, N. 1326  
Majno, G. 486  
Mali, S. 720  
Mann, M. 325  
Mansour, M. A. 150  
Marks, R. M. 91  
Marley, J. 774  
Marsh, B. R. 1348  
Marshall, N. 1154  
Martino, P. 927  
Maruyama, Y. 84  
Masubuchi, K. 268  
Matsuda, M. 1014  
Matthews, R. N. 643  
Matsumoto, Y. 796  
Mavligit, G. 202  
McAllister, W. 983  
McCormack, L. J. 708

- McDermot, R. S. R. 621  
 McGinnis, J. P. 1036  
 McKee, E. E. 1068  
 Meares, E. M., Jr. 300  
 Mendelsohn, M. L. 97  
 Metcalfe, D. 588  
 Meyer, A. A. 964  
 Meyer, P. 376  
 Middleman, E. A. 573  
 Midell, A. I. 806  
 Miles, P. A. 174  
 Miller, R. W. 1216  
 Miller, W. E. 1373  
 Mincer, H. H. 1036  
 Minowada, J. 282  
 Mirsky, H. S. 348  
 Modlinger, R. S. 782  
 Moertel, C. G. 1469  
 Mondovi, B. 885  
 Monson, R. R. 419  
 Monto, R. 382  
 Moore, D. H. II 97  
 Moore, G. E. 282  
 Moore, M. R. 1505  
 Moores, R. R. 206  
 Morton, D. L. 1647  
 Mosher, M. B. 56  
 Mostofi, F. K. 5, 1225, 1233  
 Moushmov, M. 703  
 Moxley, J. H. III 1495  
 Muggia, F. M. 315, 454, 801, 914,  
     1395  
 Mumford, D. M. 358  
 Murphy, G. P. 1  
 Muto, T. 660
- N**
- Nadel, J. A. 1353  
 Nathanson, L. 1457  
 Nefzger, M. D. 1225, 1233  
 Neiman, R. S. 942  
 Nelson, D. 1326  
 Nemoto, H. 268  
 Nesbit, M. 939  
 Nicolis, G. L. 782  
 Nielsen, S. M. 261  
 Nishihara, H. 1014  
 Nishiyama, R. H. 113  
 Noguchi, A. 755  
 Norris, H. J. 174, 713
- O**
- Oberfield, R. A. 1457  
 Oberman, H. A. 470  
 O'Conor, G. T. 610  
 Ohnuma, T. 376, 914  
 Okagaki, T. 964  
 Olofsson, J. 691  
 Olurin, O. 580  
 Omori, L. 660  
 Ortega, J. 373
- P**
- Palma, J. 909
- Parker, J. C., Jr. 545  
 Patterson, R. H., Jr. 1241  
 Pedersen, S. N. 68  
 Perez, C. 983  
 Perlia, C. P. 1451  
 Pertsemlidis, D. 782  
 Perzik, S. L. 167  
 Perzin, K. H. 668  
 Petkov, G. 1444  
 Phillips, T. L. 1159  
 Pienkos, E. J. 481  
 Pierre, R. V. 889  
 Pinkel, D. 1488, 1522  
 Polliack, A. 353  
 Potchen, E. J. 639  
 Pratt, C. B. 1522  
 Preisler, H. D. 294  
 Price, H. M. 1082  
 Pringle, J. F. 621  
 Pritchard, D. J. 603
- Q**
- Quagliana, J. M. 1632
- R**
- Rachmilewitz, E. A. 353  
 Ragab, A. H. 648, 983  
 Rahimi, A. 726  
 Raju, M. V. S. 231  
 Ramulu, C. 231  
 Ranchod, M. 1006  
 Reddy, C. R. R. M. 231  
 Reddy, P. G. 231  
 Reilly, C. A., Jr. 603  
 Reitmeier, R. J. 1469  
 Reynoso, G. I  
 Richart, R. M. 244  
 Rivkin, S. E. 1632  
 Robbins, J. P. 91  
 Rochlin, D. 900  
 Roland, A. 875  
 Rominger, C. J. 22  
 Rosai, J. 1174  
 Rosen, S. H. 836  
 Rosenberg, S. A. 31, 1505  
 Ross, E. M. 1444  
 Rossof, A. H. 1451  
 Rudders, R. A. 220  
 Rutledge, F. 1565
- S**
- Sadoff, L. 61  
 Saffer, E. A. 1202  
 Sahatchiev, A. 703  
 Saksela, E. 742  
 Sanderson, D. R. 1368, 1373  
 Santiago, H. 1046  
 Santoro, A. S. 885  
 Sapp, J. P. 1119  
 Sato, S. 444  
 Schaaf, N. G. 448  
 Schantz, A. 1189  
 Schein, P. S. 1616
- T**
- Takahashi, Y. 755  
 Takita, H. 616  
 Talerman, A. 1219  
 Tani, H. 660  
 Tarkkanen, J. 742  
 Tateishi, R. 755, 1014  
 Tauxe, W. N. 1358

- Taylor, W. F. 1344, 1373  
Templeton, A. C. 854  
Terasaki, P. I. 1438  
Thomas, F. B. 358  
Thompson, N. W. 113  
Tio, F. O. 1286  
Tobon, H. 1082  
Torres, F. O. 553  
Totten, R. S. 512  
Tessmer, C. F. 358  
Trodahl, J. N. 459  
Turchi, J. 22
- U**
- Uchida, K. 796  
Uhlenhopp, M. A. 1373  
Ultmann, J. E. 454
- V**
- Vadakan, V. V. 373  
Vaeth, J. M. 107  
Van de Velde, R. L. 167  
van Nostrand, A. W. P. 691  
Van Slyck, E. J. 810
- Vawter, G. F. 239  
Vazquez, M. 541  
Verzosa, M. S. 334  
Vestergaard, B. F. 68  
Vietti, T. J. 648, 983  
Vozny, E. K. 390
- W**
- Wada, K. 660  
Waggener, J. D. 1067, 1130  
Wahi, P. N. 720  
Wang, C. C. 414  
Wartiovaara, J. 742  
Watanabe, A. 573  
Watanabe, H. 1267  
Watson, F. R. 594  
Weiland, L. H. 791  
Weiss, R. B. 1275  
Whang-Peng, J. 288  
Wharton, J. T. 1565  
White, D. M. 621  
Whitecar, J. P., Jr. 1632  
Wiernik, P. 1419
- X**
- Wilbur, J. 358  
Williams, A. O. 580  
Williams, T. E. 339  
Wilson, H. 382  
Wilson, W. L. 900  
Woerner, D. 1154  
Wolff, M. 1046  
Wolter, J. 1457  
Woodward, A. H. 562  
Woolner, L. B. 1373  
Wright, C-S. 206  
Wynder, E. L. 1332
- Y**
- Yonemoto, R. H. 1438  
Yunis, E. J. 512  
Ytredal, D. O. 628
- Z**
- Zaharia, M. 634  
Ziegler, J. L. 1534  
Zimmerman, L. E. 817  
Zubrod, C. G. 1474

